

From: [Eric Blischke](#)
To: rjw@nwnatural.com
Cc: [Chip Humphrey](#); kpine@anchorenv.com
Subject: BERA Check-Ins
Date: 12/08/2008 04:19 PM

Bob, I spoke with Keith Pine regarding the BERA check-ins. We thought it would be useful for me to put some of this in writing so here it goes:

The goal of the check-ins is to 1) get a head start on the BERA and 2) Identify any major glitches in the BERA risk estimates. As was agreed upon for the HHRA, preliminary risk information should be posted on the LWG portal. Although I recognize the LWG's concern about providing this information, it is not our objective to get into a lot of back and forth on the preliminary information; unless we see a major discrepancy, this will only occur as part of our review of the draft RI and BRA reports.

Below is a list of BERA check-in topics:

EPCs: Provide EPCs for all media and receptors of concern. EPCs should be developed for SW, TZW, sediment and biota tissue. EPCs should be presented in a series of tables.

Modeled tissue concentrations: The BERA problem formulation contemplates the use of estimated fish tissue and bird egg concentrations. Modeled tissue concentrations should be presented in a series of tables.

Dietary dose for fish and wildlife: The BERA problem formulation includes estimation of dietary doses for fish, birds and mammals. A table of estimated dietary doses should be provided.

Benthic Risk: Reference envelope calculations, predictive model(s) output should be provided in table format. A map depicting the results of the benthic risk evaluation should be provided.

Refined Screen: It may be useful to provide a summary of the refined screen (chemicals that are carried forward)

TRVs: Once the fish tissue TRVs are resolved, we should have agreement on the TRVs. However, we may want to confirm the TRVs that EPA provided previously (e.g., SQGs, water TRVs, dietary TRVs).

Probabilistic Approaches: It is unclear whether probabilistic approaches will be utilized in the BERA. If probabilistic approaches are being considered, we should discuss them.

In addition to the above items, we have also discussed check-ins on the BSAF/FWM as part of the PRG development step and the weight of evidence approach some time later.

We can discuss this further at tomorrow's management team meeting

Thanks, Eric